

Claims

1. An airbag module comprising a gas generator support (26), characterized in that arranged on said gas generator support (26) is a plate spring (10) which comprises a continuous ring-shaped inner section (12) and several arms (14),
5 which each have a first end (14a) connected to said inner section (12) and a second, free end (14b) which is bent away axially with respect to a central axis (16) of said plate spring (10), said arms (14) being elastically deformable under axial pressure.
2. The airbag module according to Claim 1, characterized in that said plate
10 spring (10) is a stamped and bent part of sheet metal.
3. The airbag module according to Claim 1, characterized in that said first ends (14a) of said arms (14) are formed on at an outer periphery of said inner section (12).
4. The airbag module according to Claim 1, characterized in that said plate
15 spring (10) comprises not fewer than three and not more than four arms (14).
5. The airbag module according to Claim 1, characterized in that said inner section (12) is fastened to said gas generator support (26) and said arms (14) are bent away from said gas generator support (26).
6. The airbag module according to Claim 1, characterized in that at least one
20 contact (34) is provided on said gas generator support (26), opposing at least one arm (14) of said plate spring (10), which contact (34) comes into contact with said arm (14) through a movement of said gas generator support (26) in a direction of said central axis of said plate spring (10) against a resistance of said plate spring (10), and thus closes a circuit to trigger a horn signal.
- 25 7. The airbag module according to Claim 6, characterized in that said gas generator support (26) is made from plastic and said contact (34) is embedded in said gas generator support (26) by injection-molding.

8. An assembly of a steering wheel and of an airbag module, said airbag module comprising a gas generator support, characterized in that arranged between said gas generator support (26) and said steering wheel (30) is a plate spring (10) which comprises a continuous ring-shaped inner section (12) and 5 several arms (14) which each have a first end (14a) connected to said inner section (12) and a second, free end (14b) which is bent away in a direction of a central axis (16) of said plate spring (10), said arms (14) being elastically deformable under axial pressure.

9. The assembly according to Claim 8, characterized in that with the 10 exception of a zone for producing a horn contact, said arms (14) of said plate spring (10) are electrically insulated with respect to said steering wheel (30), in particular by being embedded in an injection-molded plastic sheathing.

10. The assembly according to Claim 8, characterized in that a receiving means for said plate spring (10) is provided in said steering wheel (30), which 15 receiving means permits a guidance of said airbag module (18) in a direction of a central axis (32) of said steering wheel (30).

11. The assembly according to Claim 10, characterized in that said receiving means is constructed by elevated zones (36) on a side of said steering wheel (30) facing said airbag module (18).

20 12. The assembly according to Claim 10, characterized in that said receiving means is constructed by depressions (38) in a side of said steering wheel (30) facing said airbag module (18).

13. The assembly according to Claim 8, characterized in that said inner section 25 (12) is fastened to said steering wheel (30) and said arms (14) are bent away from said steering wheel (30) in a direction towards said gas generator support (26).